

## Certificate of Analysis

Date of Testing: 2022-09-13 15:22:17  
Date of Next Testing: 2023-03-12 15:22:17  
Product Name: **Graphene oxide**  
CAS Number: 7782-42-5  
Specifications & Purity: >99%  
Lot #: J2112205  
SKU #: **G139803**  
**Analysis:** **134025**  
Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity	99-100 (%)	99.34 %
Layers	1-10	5.42
Particle size	0.5-3 ( $\mu\text{m}$ )	1.42 $\mu\text{m}$
Thickness	0.55-1.2 (nm)	0.69 nm
Appearance (G139803Color)	Brownish yellow to gray black	Brownish yellow to gray black
Appearance (G139803Form)	powder to lump	powder to lump



John Su  
QA & QC Manager